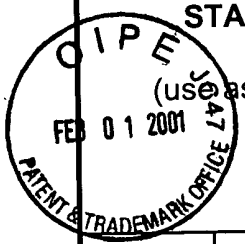


#4



PTO/SB/08A

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/685,296
Filing Date	October 10, 2000
First Named Inventor	Douglas D. Randall
Group Art Unit	IBA/638
Examiner Name	IBA Kallis

RECEIVED

FEB 02 2001

Sheet	1	of	3	Attorney Docket No.	UMO 1482.1
-------	---	----	---	---------------------	------------

TECH CENTER 1600/2900

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document <i>class / subclass</i>	Date of Publication of Cited Document MM-DD-YYYY	T ⁶ <i>transl.</i> <i>Y N</i>
		Office	Number ⁴	Kind Code ² (if known)			
RK	1	WO	9219747		— —	11-12-92	—
RK	2	WO	9302187		— —	02-04-93	—
RK	3	WO	9505472		— —	02-23-95	—
RK	4	WO	9800557		— —	01-08-97	—

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
RK	5	GUAN, Y., ET AL., "Cloning and Characterization of a Dihydrolipoamide Acetyltransferase (E2) subunit of the Pyruvate Dehydrogenase Complex from <i>Arabidopsis thaliana</i> ," <i>Journal of Biological Chemistry</i> , Vol. 270, No. 10, 1995, pp. 5412-5417.	
RK	6	HAHN, J. J., ET AL., "Growth Kinetics, Nutrient Uptake, and Expression of the <i>Alcaligenes eutrophus</i> Poly(β -hydroxybutyrate) Synthesis Pathway in Transgenic Maize Cell Suspension Cultures," <i>Biotechnol. Prog.</i> , 13, pp. 347-354, 1997.	
RK	7	JOHNSTON, M. L., ET AL., "Cloning and molecular analyses of the <i>Arabidopsis thaliana</i> plastid pyruvate dehydrogenase subunits," <i>Plant Biology '97: 1997 Annual Meetings of the American Society of Plant Physiologists and the Canadian Society of Plant Physiologists, Japanese Society of Plant Physiologists and the Australian Society of Plant Physiologists</i> , Vancouver, British Columbia, 1997.	
RK	8	JOHNSTON, MARK L., ET AL., "Cloning and molecular analyses of the <i>Arabidopsis thaliana</i> plastid pyruvate dehydrogenase subunits," <i>Biochimica et Biophysica Acta</i> , 1321, pp. 200-206, 1997.	

Examiner Signature	<i>Russell Kallis</i>	Date Considered	8-23-2002
-----------------------	-----------------------	--------------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

PTO/SB/08A				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/685,296
				Filing Date	October 10, 2000
				First Named Inventor	Douglas D. Randall
				Group Art Unit	TBA 1638
				Examiner Name	TBA Kallis
Sheet	2	of	3	Attorney Docket No.	UMO 1482.1

RECEIVED
FEB 02 2001

TECH CENTER 1600/2900

OIP RK FEB 01 2001 RK PATENT & TRADEMARK OFFICE	9	LEE, SANG YUP, "Plastic bacteria? Progress and prospects for polyhydroxyalkanoate production in bacteria," <i>Tibtech</i> , Vol. 14, pp. 431-438, November 1996.	
		LUETHY, MICHAEL H., ET AL., "The nucleotide and deduced amino acid sequences of a cDNA encoding the E1 β -subunit of the <i>Arabidopsis thaliana</i> mitochondrial pyruvate dehydrogenase complex," <i>Biochimica et Biophysica Acta</i> , 1187, pp. 95-98, 1994.	
RK	11	LUETHY, MICHAEL H., ET AL., "The mitochondrial pyruvate dehydrogenase complex: nucleotide and deduced amino-acid sequences of a cDNA encoding the <i>Arabidopsis thaliana</i> E1 α -subunit," <i>Gene</i> , 164, pp. 251-254, 1995.	
RK	12	LUETHY, M. H., ET AL., "Plant pyruvate dehydrogenase complexes" In M.S. Patel et al., Eds., <i>Alpha-Keto Acid Dehydrogenase Complexes</i> , Birkhauser Verlag, Basel, Switzerland, pp. 71-92, 1996.	
AK	13	LUETHY, MICHAEL H., ET AL., "The Nucleotide Sequence Of A cDNA Encoding The E1-beta Subunit Of The Branched-Chain Alpha-Keto Acid Dehydrogenase From <i>Arabidopsis thaliana</i> ," <i>Plant Gene Register</i> PGR 98-133, <i>Plant Physiol.</i> , 118:329, 1998.	
RK	14	MOONEY, BRIAN P., ET AL., "Nucleotide sequence of a cDNA encoding the dihydrolipoyltransferase E2) subunit of the branched-chain alpha-keto acid dehydrogenase complex from <i>Arabidopsis thaliana</i> ," <i>Plant Gene Register</i> PGR 98-071, <i>Plant Physiol.</i> , 117:331, 1998.	
RK	15	MOONEY, BRIAN P., ET AL., "Nucleotide Sequence of a cDNA Encoding the E1 α Subunit of the Branched-Chain Alpha-Keto Acid Dehydrogenase Complex from <i>Arabidopsis thaliana</i> ," <i>Plant Gene Register</i> PGR98-168, <i>Plant Physiol.</i> , 118:in press, 1998.	
RK	16	NAWRATH, C., ET AL., "Plastid Targeting of the Enzymes Required for the Production of Polyhydroxybutyrate in Higher Plants," <i>Biodegradable Plastics and Polymers</i> , Y. Doi et al., Eds., Elsevier Science B.V., 1994, pp. 136-149.	
RK	17	NAWRATH, C., ET AL., "Plant polymers for biodegradable plastics: cellulose, starch and polyhydroxyalkanoates," <i>Molecular Breeding</i> , Vol. 1, No. 2, 1995, pp. 105-122.	
RK	18	NEWMAN, T., ET AL., "EST AC T04217," <i>EMBL Database</i> , August 30, 1993, Heidelberg.	
RK	19	NEWMAN, T., ET AL., "EST AC T42996," <i>EMBL Database</i> , February 3, 1995, Heidelberg.	
RK	20	NEWMAN, T., ET AL., "EST AC R29966," <i>EMBL Database</i> , August 11, 1995, Heidelberg.	

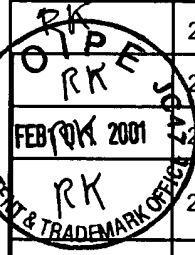
Examiner Signature	<i>Russell Kallis</i>	Date Considered	07-23-2002
--------------------	-----------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.

PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/685,296
				Filing Date	October 10, 2000
				First Named Inventor	Douglas D. Randall
				Group Art Unit	TBA 1638
Examiner Name	TBA Kallis				
Sheet	3	of	3	Attorney Docket No.	UMO 1482.1

	21	NEWMAN, T., ET AL., "EST AC N65566," <i>EMBL Database</i> , March 8, 1996, Heidelberg.	
	22	NEWMAN, T., ET AL., "EST AC N96042," <i>EMBL Database</i> , April 19, 1996, Heidelberg.	
	23	NEWMAN, T., ET AL., "EST AC W43179," <i>EMBL Database</i> , May 27, 1996, Heidelberg.	
	24	POIRIER, YVES, ET AL., "Polyhydroxybutyrate, a Biodegradable Thermoplastic, Produced in Transgenic Plants," <i>Science</i> , Vol. 256, pp. 520-523, April 24, 1992.	
	25	POIRIER, YVES, ET AL., "Production of Polyhydroxyalkanoates, a Family of Biodegradable Plastics and Elastomers, in Bacteria and Plants," <i>Bio/Technology</i> , Vol. 13, pp. 142-150, February 13, 1995.	

RECEIVED

FEB 02 2001

TECH CENTER 1600/2900

Examiner Signature	<i>Russell Kallis</i>	Date Considered	8-23-2002
--------------------	-----------------------	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.